

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

APPLICATION TO DRILL ☒ DEEPEN ☐ PLUG BACK ☐NAME OF COMPANY OR OPERATOR Emery Energy, Inc. DATE 10-2-81Box 590, Osawatomie, Kansas 66064

Address

City

State

DESCRIPTION OF WELL AND LEASE

Name of lease JOHNSTON TRUST	Well number J # 1	Elevation (ground) 1070
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WELL LOCATION (give footage from section lines)
2000' ft. from ☒ (S) sec. line 2550' ft. from ☒ (W) sec. line

WELL LOCATION
 Section 9 Township 46N Range 33W County Cass

Nearest distance from proposed location to property or lease line: 165' feet
 Distance from proposed location to nearest drilling, completed or applied - for well on the same lease: none feet

Proposed depth: 680 Rotary or Cable tools: Rotary Approx. date work will start: 10-8-81

Number of acres in lease: 77.7
 Number of wells on lease, including this well, completed in or drilling to this reservoir: 0
 Number of abandoned wells on lease: 0

If lease, purchased with one or more wells drilled, from whom purchased: Name _____ No. of Wells: producing 0
 Address XXXXXXXXXXXXXXXXXX inactive 0
 abandoned 0

Status of Bond
 Single Well ☐ Amt. _____ Blanket Bond ☒ Amt. 20,000 ☒ ON FILE ☐ ATTACHED

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone) use back of form if needed.

Proposed casing program:				Approved casing - To be filled in by State Geologist			
amt.	size	wt./ft.	cem.	amt.	size	wt./ft.	cem.
<u>20'</u>	<u>7"</u>	<u>30#</u>	<u>yes</u>				
<u>660'</u>	<u>2-3/8</u>	<u>4.5</u>	<u>yes</u>				

I, the undersigned, state that I am the _____ of the _____ (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature Clara M. HuntPermit Number: 20220Approval Date: 10/20/81Approved By: Wallace B. Hunt

Note: This Permit not transferable to any other person or to any other location.

Remit two copies to: Missouri Oil and Gas Council
 P.O. Box 250 Rolla, Mo. 65401
 One will be returned for driller's signature

☐ SAMPLES REQUIRED
☒ SAMPLES NOT REQUIRED

WATER SAMPLES REQUIRED @:

MO. OIL & GAS COUNCIL

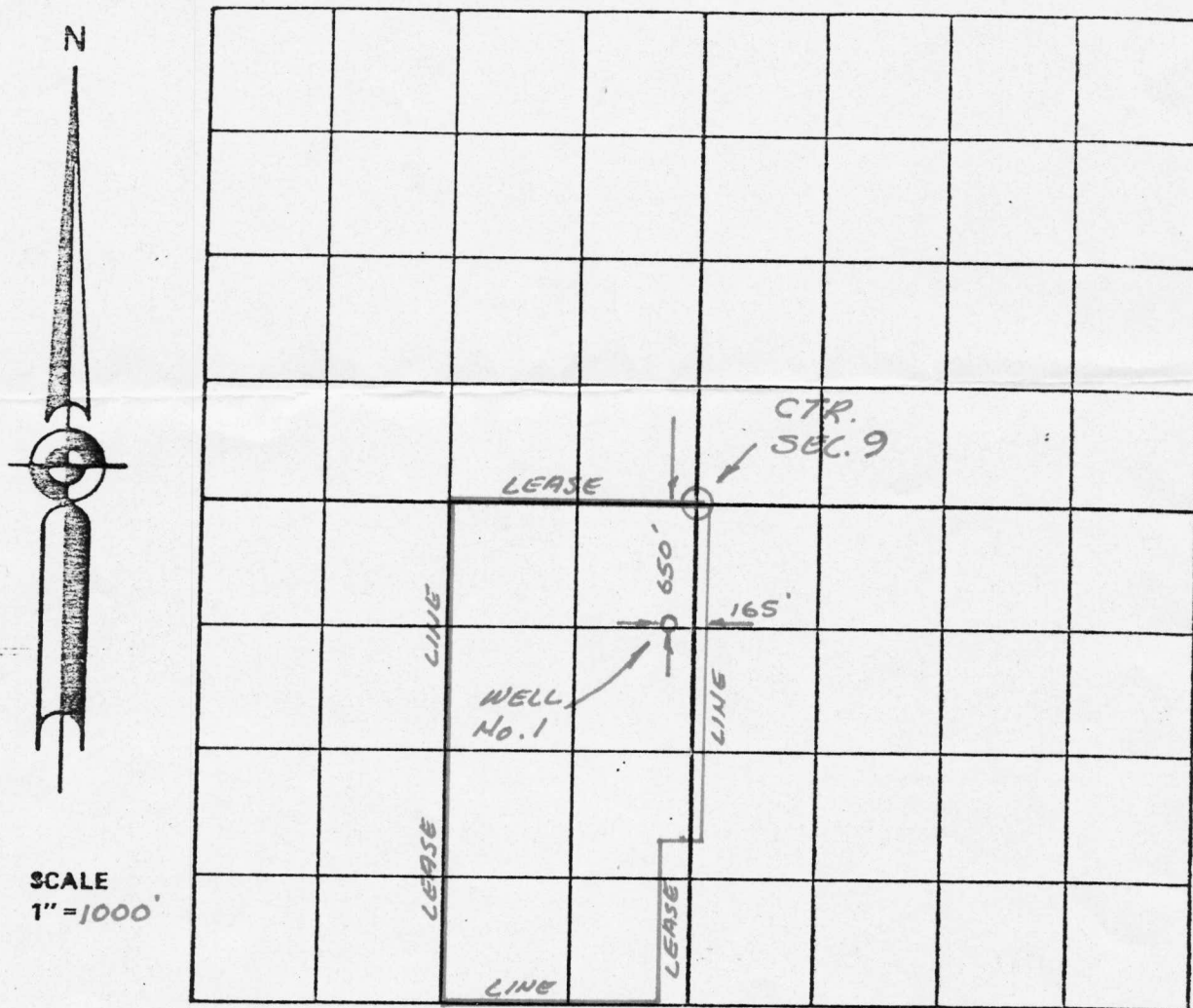
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 OCT 13 1981

MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

Form OGC-1

Owner: Emery Energy, Inc.

Lease Name: Johnston Trust County: Cass
2000 feet from South line and 2550 feet from West line
(N) - (S) (E) - (W) of Sec. 9, Twp. 46 N, Range 33



SCALE
1" = 1000'

REMARKS:

Well No. 1

Elevation 1070

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

RECEIVED

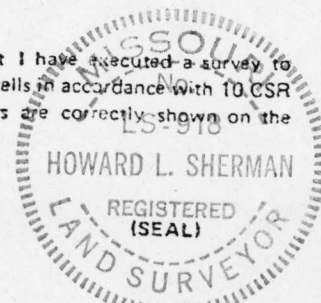
OCT 13 1981

MO. OIL & GAS COUNCIL

Remit two copies to: Missouri Oil and Gas Council
P.O. Box 250, Rolla, Mo. 65401

One will be returned.

Howard L. Sherman
Registered Land Surveyor
Number 918



MISSOURI OIL AND GAS COUNCIL

Form OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐ Different Reservoir ☐ Oil ☐ Gas ☒ Dry ☐

Owner <i>Emery</i>		Address	
Lease Name <i>Johnston Trust</i>		Well Number <i>2#1</i>	
Location <i>2000' FSL & 2550' F.W.L.</i>		Sec. - TWP-Range or Block & Survey <i>9 46N 33W</i>	
County <i>Cass</i>	Permit number (OGC3 number)		
Date spudded <i>10-8-81</i>	Date total depth reached <i>10-9-81</i>	Date completed, ready to produce	Elevation (DF, RKB, RT or Gr.) feet <i>1070</i>
Total depth <i>640'</i>	P. B. T. D. <i>631.0 & 626.5</i>		Elevation of casing hd. flange <i>same as surface elevation</i>
Producing interval (s) for this completion <i>341 to 348</i>		Rotary tools used (interval) From <i>0</i> to <i>TD</i> Drilling Fluid used <i>water, air</i>	Cable tools used (interval) From to <i>none</i>
Was this well directionally drilled? <i>no</i>	Was directional survey made? <i>no</i>	Was copy of directional survey filed? <i>no</i>	Date filed
Type of electrical or other logs run (list logs filed with the State Geologist) <i>Gamma Ray - Newton, CCL</i>			Date filed <i>2-16-82</i>

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)

Purpose	Size hole drilled	Size casing set	Weight (lb ft)	Depth set	Sacks cement	Amt pulled
Surface	9 1/2"	6 1/4"		23'	none	none
Production	5 1/4"	2"		528'	68	none

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)
<i>none</i>				<i>none</i>			

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
<i>1</i>	<i>1 1/2 glass</i>	<i>341-342-343-344</i>	<i>Clay Stab 10</i>	<i>340 to 350</i>
		<i>345-346-347-348</i>	<i>20-40 5</i>	

INITIAL PRODUCTION

Date of first production <i>None</i>		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:) <i>None yet</i>					
Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test bbls.	Water prod. during test bbls.	Oil gravity API (Corr.)	
				<i>home use MCF gas well</i>			
Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hr.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio	

Disposition of gas (state whether vented, used for fuel or sold):

Method of disposal of mud pit contents:

CERTIFICATE: I, the undersigned, state that I am the *Vice President* of the *Emery Energy, Inc.* (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

(H) produces enough for to heat water

Deeson

Signature

Turned Over to the First National Bank & Johnston, Corvallis

Remit two copies: one will be returned.

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See attached letter in reference to accepting the responsibility of this well.

APR 12 1982

MO. OIL & GAS COUNCIL

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
			0-6 - Soil 6-40 - lime 40-60 - shale 60-76 - lime 70-98 - shale 98-103 - lime 103-105 - carb. shale 105-163 - shale 163-196 - lime 196-200 - carb. shale 200-223 - lime 223-227 - carb. shale 227-237 - lime (kerthas) 237-239 - shale 239-246 - lime 246-278 - shale 278-287 - sand 287-340 - shale 340-348 - sand 348-368 - shale 368-370 - carb. shale 370-373 - coal 373-396 - sand 396-417 - shale 417-423 - lime 423-426 - shale 426-430 - lime 430-434 carb. shale 434-446 - lime 446-452 - sand 452-464 - shale 464-469 - lime 469-473 - carb. shale 473-488 - sand 488-568 - shale 568-585 - Sandy shale 585-618 - shale 618-628 - sand 628-640 - shale <u>T.D.</u>

*Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well if available.

February 6, 1998

Mrs. Correlia J. Anderson
P.O. Box 164
Belton, MO 64012

Dear Mrs Anderson,

Thank you for the getting back with me so quickly.

I have enclosed a list of operators that may be able to help you in plugging your private gas well.

I have also included a copy of the Rules and Regulations of the Missouri Oil and Gas Council. On pages 12 and 13 are the rules that apply to plugging. Upon inspection of the Well Completion form for your well, it shows that the total depth of the well is 640'. At that depth I would expect that there is water in your well thus requiring the plugging be by a "tremie" method. This method involves using a pipe that extends to the total depth of the well. This pipe is then used to "squeeze" the cement into the well from the bottom first thus displacing the water upward and eventually out of the well. By doing it this way, versus gravity feeding the cement down the well, the cement and water have very little mixing which maintains the integrity of the cement.

A Plugging Report is required to be sent to our office, when the well is plugged. The person or operator that plugs the well is the one that fills out the form.

If you decide not to plug the well, please advise our office of this.

I will be awaiting your response.

Sincerely,

Sherri Stoner, Geologist
Oil and Gas Unit
573-368-2195

encl.

February 2, 1998

Ms. Correlia J. Anderson
P.O. Box 164
Belton, MO 64012

Dear Correlia,

Thank you for the helpful information that you wrote to me about with regards to your unproductive gas well. I am attempting to identify the well permit and paperwork that reference your gas well. I have come up with one permit application that is possibly your well. Please look over this information, and verify with me if this permit "belongs" with your well.

I will be awaiting your response.

Sincerely,

Sherri Stoner, Geologist
Oil and Gas Unit
(573) 368-2195

encl.